MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JULY 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.4	55.3	55.2	55.6	31.6	23.1	28.4	30.4	25.8	28.2
2	54.4	53.7	53.9	54.0	32.1	22 8	28.3	31.8	25.5	28.5
3	54.3	54.6	54.4	54.4	31.4	24.4	28.9	30.4	24.9	28.1
4	54.4	54.4	54.3	54.3	31.4	23.2	28.8	30.6	24.9	28.1
5	54.3	54.2	54.4	54.3	31.2	23.8	28.3	31.1	25.1	28.2
6	54.5	54.3	54.5	54.4	33.0	23.9	28.3	31.5	26.1	28.6
7	54.4	53.7	54.3	54.1	31.8	23.9	28.3	31.1	25.4	28.3
8	53.9	53.9	54.2	54.0	32.0	24.1	28.8	31.6	26.4	28.9
9	53.1	52.7	52.7	52.8	31.4	24.9	28.9	31.4	26.0	28.8
10	51.6	51.1	51.9	51.5	31.0	24.4	28.8	29.9	26.5	28.4
11	52.5	53.1	53.8	53.1	31.8	23.8	28.8	29.9	24.9	27.9
12	54.7	54.5	55.5	54.9	31.1	23.5	28.3	30.0	25.9	28.1
13	56.5	56.2	56.2	56.3	31.3	23.3	28.8	31.1	25.4	28.4
14	55.2	54.5	54.1	54.6	31.2	23.3	28.3	30.9	25.1	28.1
15	53.7	53.4	53.7	53.6	31.6	23 4	28.3	31.1	26.6	28.7
16	54.6	54.5	54.9	54.6	32.0	23.6	28.2	31.6	26.6	28.8
17	54.6	54.5	55.0	54.7	32.2	23.6	29.4	31.9	26.6	29.3
18	54.5	54.3	54.6	54.4	31.8	25.1	28.8	31.1	26.8	28.9
19	54.0	53.2	53.2	53 4	32.1	24.0	29.9	32.2	26.6	29.6
20	52.9	52.7	52.7	52.7	32.0	24.6	29.4	31.6	26.9	29.3
21	52.9	53.1	53.3	53.1	32.1	23.8	28.8	31.3	26.5	28.9
22	54.0	53.7	54.0	53.9	31.5	23.9	28.8	31.1	26.5	28.8
23	54.3	54.6	54.1	54.3	30.9	22.2	27.2	29.9	26.6	27.9
24	54.4	53.3	53.2	53.6	31.0	24.0	27.7	30.5	25.8	28.0
25	53.0	52.8	52.1	52.6	32.0	25.0	28.8	31.1	26.4	28.8
26	51.9	51.7	51.5	51.7	32.1	23.9	29.1	31.6	26.6	29.1
27	51.6	51.4	51.7	51.5	32.1	24.4	29.4	31.1	26.7	29.1
28	52.2	52.2	52.2	52.2	32.5	23.8	29.4	31.3	26.6	29.1
29	52.4	52.9	53.5	52.9	32.1	23.3	28.6	31.1	26.1	28.6
30	54.4	54.8	54.7	54.6	31.9	23.4	28.3	31.1	26.1	28.5
31	55.1	55.3	55.6	55 3	31.8	22 8	28.3	30.9	26.1	28.4
	53.89	53.70	53.85	53.80	31.74	23.78	28.66	31.04	26.07	28.59

Barometer, range for month 756.4 mm. — 751.1 mm.

,, 71-yr. average for month 755.46 mm.

Thermometer, range for month 32.5°C —22.2°C

,, 71-yr. average for month 28.02°C.

Rain, total for month 0.00 mm.

,, 71-yrs. average for month 0.44 mm.

,, Tolal, Sept. 1st. to end of month 779.78 mm.

,, 71-yr. average, Sept. 1st. to end of month 891.85 mm

JULY 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	24.0	25.8	24.1	24.6	63	59	74	65	12.8	143	
2	27.1	26.3	25.5	26.3	70	57	78	68	11.7	148	
3	25.7	25.8	23.3	24.9	65	59	74	66	12.6	172	
4	25.7	27.2	27.3	26.7	64	62	86	71	12.5	288	
5	27.5	26.8	26.0	26.7	68	60	81	70	12.4	80	
6	27.5	26.3	23.7	25.8	72	57	70	66	12.5	74	
7	26.1	28.3	26.2	26.8	68	62	81	70	12.7	386	
8	27.1	29.4	28.6	28.3	68	63	84	72	12.8	402	
9	27.8	26.5	29.3	27.8	69	61	86	72	12.4	439	
10	24.9	26.9	23.9	25.2	62	72	69	68	11.4	451	
11	24.2	23.3	23.3	23.6	61	55	72	63	11.1	151	
12	21.9	25.5	25.1	24.1	58	60	74	64	11.2	43	
13	24.2	23.9	23.5	23.8	61	53	73	62	12.7	77	
14	24.7	25.3	26.0	25.3	64	57	82	64	12.6	193	
15	26.1	27.6	26.5	26.7	67	61	79	69	12.5	143	
16	26.1	25.5	26.0	25.8	68	57	75	67	12.8	50	
17	25.2	27.9	26.0	26.3	61	60	74	65	12.8	69	
18	25.7	25.3	25.3	25.4	64	56	74	65	12.2	410	
19	26.9	29.0	27.4	27.7	65	60	79	68	12.3	435	
20	26.7	27.9	24 6	26.4	65	59	70	65	12.0	327	
21	27.1	28.3	27.4	27.6	68	63	78	70	11.7	246	
22	24.2	25.3	27.4	25.6	62	56	79	66	12.1	433	
23	21.5	20.6	27.4	23.1	59	49	79	62	12.3	386	
24	19 1	21.5	22.1	20.9	52	49	68	56	13.1	418	
25	25.7	26.8	25.1	25.8	64	59	75	66	12.0	360	
26	26.4	27.9	28.2	27.5	67	59	80	69	11.9	509	
27	26.7	28.3	28.2	27.7	64	63	80	69	12.7	105	
28	28.1	27.6	28.2	27.9	67	61	82	70	12.3	227	
29	25.4	26.8	25.1	25.8	67	59	75	67	12.4	208	
30	25.6	27.6	27.2	26.8	67	61	80	69	12.7	259	
31	26.1	26.1	25.1	25.7	67	59	75	67	12.2	270	
	25.52	26.37	25.90	25.89	64.7	58.7	77.0	66.8	12.30	256.1	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	0:30	Mean	8:30	14:30	20:30		
1	0	0	6st	2.0	2sw	2sw	1sw	light	
2	3st	2st-cu	0	1.7	2sw	2w	1w	„	
3	2cu-ci	0	0	0.7	3sw	2sw	2sw	„	
4	0	3cu-ci	0	1.0	3sw	3sw	1sw	slight	
5	1cu-ci	0	0	0.3	3sw	2sw	0	light	
6	0	0	0	0.0	1sw	1w	1sw	„	
7	0	0	0	0.0	3sw	2sw	2sw	slight	
8	0	0	0	0.0	3sw	2sw	1sw	light	
9	0	0	0	0.0	2sw	2sw	1sw	„	
10	0	5cu-ci	5cu	3.3	3sw	3sw	3sw	slight	
11	1cu-ci	0	0	0.3	3sw	2sw	1sw	„	
12	0	0	3cu	1.0	1nw	0	1ne	light	
13	0	0	3cu	1.0	1w	1w	1w	„	
14	1ci	3ci-cu	2cu	2.0	3sw	3sw	1sw	slight	
15	1ci	0	0	0.3	1sw	1sw	0	light	
16	1cu	0	0	0.3	2sw	1sw	0	calm	
17	0	0	0	0.0	1w	1w	1sw	light	
18	1ci	1ci	0	0.7	3sw	3sw	2sw	slight	
19	1cu-ci	1cu	3st	1.7	1sw	1sw	2sw	„	
20	0	1cu	0	0.3	3sw	2sw	3sw	light	
21	1cu	1cu	0	0.7	2sw	2sw	2sw	slight	
22	0	0	0	0.0	1sw	1w	1sw	„	
23	1cu	0	0	0.3	1w	1sw	1sw	light	
24	1ci	0	1cu	0.7	1sw	1sw	2sw	„	
25	1cu	0	0	0.3	2sw	1sw	2sw	light	
26	0	0	6st	2.0	2sw	1sw	0	„	
27	1ci	1ci	0	0.7	1w	1n	1n	calm	
28	0	0	0	0.0	1sw	1sw	0	„	
29	0	0	0	0.0	2sw	1sw	0	„	
30	0	0	0	0.0	2sw	2w	0	light	
31	0	0	0	0.0	2sw	1w	1w	light	
				0.69					

Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	0	0	0	26	4	0	0	31
14:30	2	0	0	0	0	22	7	0	0	31
20:30	1	1	0	0	0	19	3	0	7	31
Total	3	2	0	0	0	67	14	0	7	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.17